

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/06308

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	C08J5/00	C08J5/22 H01M8/10 H01M4/00 C08G73/00
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 C08J H01M C08G		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)		
WPI Data, PAJ, EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 218 076 A (MADISON NORMAN L ET AL) 8 June 1993 (1993-06-08) column 4, line 15 - line 32; claims 1-22	1-19
Y	US 5 525 436 A (SAVINELL ROBERT F ET AL) 11 June 1996 (1996-06-11) cited in the application column 2, line 51 -column 7, line 63; claims 1-32	1-19
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the International search		Date of mailing of the International search report
23 September 2003		01/10/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer  Kiebooms, R

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>OSAHENI J A ET AL: "SYNTHESIS AND PROCESSING OF HETEROCYCLIC POLYMERS AS ELECTRONIC, OPTOELECTRONIC, AND NONLINEAR OPTICAL MATERIALS. 4 NEW CONJUGATED RIGID-ROD POLY(BENZOBIS(IMIDAZOLE)S" MACROMOLECULES, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 28, no. 4, 13 February 1995 (1995-02-13), pages 1172-1179, XP000490475 ISSN: 0024-9297 page 1172, column 1, line 1 -page 1179, column 1, line 41</p>	1-19
A	<p>US 3 313 783 A (YOSHIO IMAI ET AL) 11 April 1967 (1967-04-11) page 1, line 12 -page 4, line 48; claims 1-5</p>	1-19

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			CA 2024350 A1	01-03-1991
			DE 69017123 D1	30-03-1995
			DE 69017123 T2	12-10-1995
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